Date:

Wednesday, 8/30/2006 9:29:49 AM

User:

Chantal Lavoie

Process Sheet Customer : CU-DAR001 Dart Helicopters Services **Drawing Name** : TUBE **Job Number Estimate Number** : 11168 : NIA : D22823 P.O. Number **Part Number** S.O. No. : N/A : 8/30/2006 : D2282 REV E **Drawing Number** This Issue : N/A Prsht Rev. : NC **Project Number** : MACHINED PARTS : NIA : E First Issue **Drawing Revision** : 27898 **Material** : NIA **Previous Run Due Date** : 9/6/2006 Qtv: 100 Um: Each Written By Checked & Approved By : Est Rev:A Comment Removed from 9 Digit 05-12-02 JLM **Additional Product** Job Number: Description: Seq. #: M304TR0675W091 304 RD Tube .675 x .091W 1.0 20.7795 f(s) Comment: Qty.: 0.2078 f(s)/Unit Total: Material: T304/T316 3/8 Schedule 40, Seamless, Ø0.675" OD, 0.091" wall thickness HARDINGE 2.0 Comment: HARDINGE CNC LATHE SMALL 1-Turn as per Dwg D2282 and Folio FA188 2-Deburr 3.0 QC2 Comment: INSPECT PARTS AS THEY COME OFF MACHINE ¹00 4.0 QC8 SECOND CHECK 100 Comment: SECOND CHECK 5.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 100 Identify and Stock Location: 57 190

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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Part No:	_ PAR #:	Fault Category:	NCR: Yes (No)	DQA:	Date: <u>∞/07/0/</u>
			QA: N/C C	losed:	Date:

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC		Corrective Action Section B		Verification		Annzoval	
DATE	STEP	Section A	Initial Action Description Sign Chief Eng Chief Eng Dat		Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector	
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NOTE: Date & initial all entries

Date:

Wednesday, 8/30/2006 9:29:49 AM

User:

Chantal Lavoie

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: TUBE

Job Number: 28354

Part Number: D22823

Job Number:



Seq. #:

Machine Or Operation:

Description:

6.0

DC

DOCUMENT CONTROL

Comment: DOCUMENT CONTROL Inspection Level 21

W 062901

Job Completion



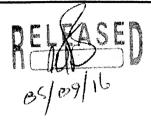
Dart Aerospace Ltd

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W/O:			WC	RK ORDER CHANG	SES				
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	jory:	NCR: Yes	No DC	A:	Date: _	I
					QA:	N/C Close	ed:	Date: _	
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NOTE: Date & initial all entries



DESIG	N BW	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHEC	(P)	APPROVED	DRAWING NO. REV. E D2282 SHEET 1 OF 2
DATE 05.0)6.07	1 Caro	TITLE SCALE HANDLE TUBES 1:1
Α		94.10.14	NEW ISSUE
В		95.03.23	RE-DESIGN .
С		97.10.20	CORRECTED NUMBERING SCHEME
D		05.03.16	REDESIGN D2282-5; 0.795 WAS 0.750
Ε		05.06.07	D2282-5 304 SS WAS 303 SS; R0.063 x 0.063 WAS R0.080 x 0.030

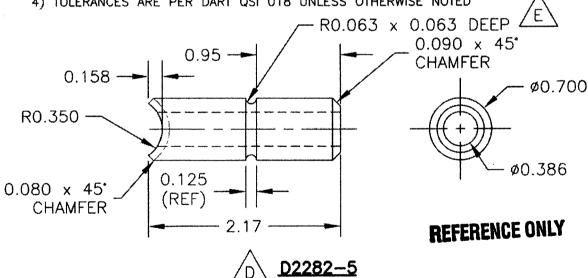


Atticionali			+ + o).675 REF)
	$2.375_{-0.020}^{-0.000}$	0.795	\	REF)
1	<u>D2282-3</u>	D <u>D2282-7</u>	Ø0.493 <u>\</u> (REF)	

D2282-3/-7 TUBE:

- 1) MATERIAL: T304/T316 3/8 SCHEDULE 40 (REF. DART SPEC. M304TR0.675W.091)
- 2) BREAK ALL UMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES

4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



D2282-5 STEM:

1) MATERIAL: AISI 304 STAINLESS STEEL (REF. DART SPEC. M304R0.750)



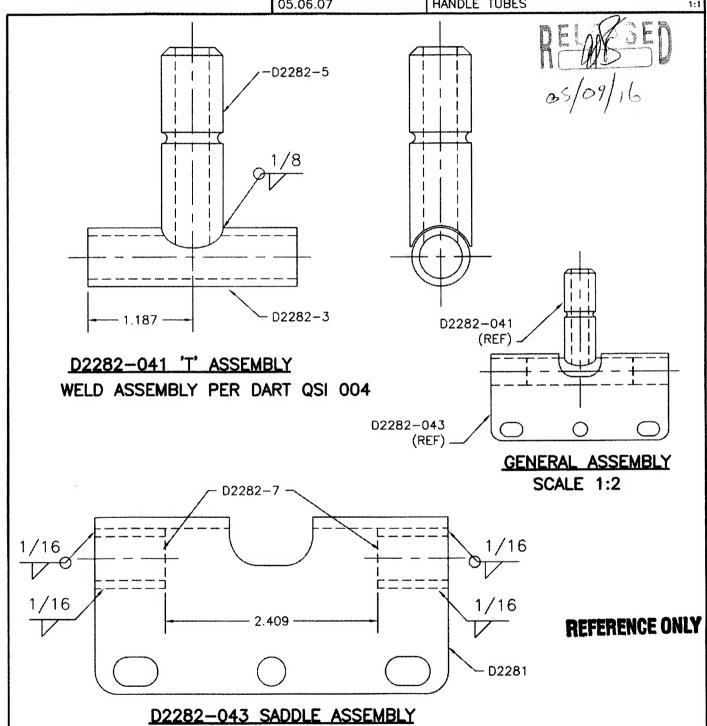
- 2) BREAK ALL UMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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DESIGN BW	DRAWN BY	DART AEROS HAWKESBURY, ONT	
CHECKED	APPROVED	DRAWING NO.	REV. E
u'	11116	D2282	SHEET 2 OF 2
DATE		TITLE	SCALE
05.06.07		HANDLE TUBES	1:1



WELD ASSEMBLY PER DART QSI 004

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DART AEROSPACE LTD	Work Order:	28354
Description: TubE	Part Number:	D2282-3
Inspection Dwg: 7 282, Rev:		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

x First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Rejest	Method of Inspection	Comments
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Measured by:	Audited by:	(TO	Prototype Approval:	
Date: 06/08/30	Date:	adord3	Date:	- (4

Rev	Date	Change	Revised by	Approved
Α		New Issue	KJ/JLM	